

AMENDMENTS TO THE CLAIMS

Please **AMEND** claims 1-2 as shown below.

Please **ADD** claims 10-15 as shown below.

The following is a complete list of all claims in this application.

1. (Currently Amended) A method for fabricating a field emission display, comprising ~~the steps of~~:

forming a cathode electrode on a substrate;

forming an emitter having a carbon-based material on the cathode electrode;

depositing an emitter surface treatment agent on the substrate to cover the emitter;

hardening the emitter surface treatment agent; and

removing the hardened emitter surface treatment agent from the substrate such that the carbon-based material contained in the emitter can be exposed.

2. (Currently Amended) The method of claim 1, wherein the step of forming the emitter further comprises ~~the steps of~~:

printing a paste having the carbon-based material on the cathode electrode; and
heat-treating the printed paste at a temperate lower than a complete-baking temperature
for the paste.

3. (Original) The method of claim 2, wherein the paste is printed through a screen-printing process using a metal mesh screen.

4. (Original) The method of claim 1, wherein the carbon-based material is selected from the group consisting of a carbon nanotube, graphite, and diamond.

5. (Original) The method of claim 1, wherein the emitter surface treatment agent is deposited through a spin-coating process.

6. (Original) The method of claim 1, wherein the emitter surface treatment agent is hardened by a heat-treatment process.

7. (Original) The method of claim 1, wherein the emitter surface treatment agent is a polyimide solution.

8. (Original) The method of claim 2, wherein the printed paste is heat-treated at the temperature of about 350-430°C for about 2 minutes.

9. (Original) The method of claim 6, wherein the heat-treatment process is performed in a state where the substrate deposited with the surface treatment agent is located on a hot plate maintaining a temperature of about 90°C for about 20 minutes.

10. (New) A method for forming a carbon-based emitter, comprising:
forming an emitter including a carbon-based material;
forming a surface treatment agent over the emitter;

heating the surface treatment agent for forming a treatment film; and
removing at least a portion of the treatment film.

11. (New) The method of forming a carbon-based emitter of claim 10,
wherein the carbon-based emitter is used in a field emission display.

12. (New) The method of forming a carbon-based emitter of claim 10,
wherein the surface treatment agent is a polyimide solution.

13. (New) The method of forming a carbon-based emitter of claim 10,
wherein the heating the surface treatment agent is to a temperature of about 90 °C.

14. (New) The method of forming a carbon-based emitter of claim 13,
wherein the heating the surface treatment agent is conducted for about 20 minutes.

15. (New) The method of forming a carbon based emitter of claim 10,
wherein the carbon-based material includes at least one of carbon nanotube, graphite, and
diamond.